

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

David COLEY

Application No:

Filed:

For: ACTUATOR APPARATUS

*L. Nelson*  
*#5/Pre Amtd. A*  
Art Unit: *11-28-01*

Examiner:

PRELIMINARY AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Please make the following amendments to this application  
prior to examination thereof.

AMENDMENTS

In the Claims:

Claims 4-26, cancel.

Add new claims as follows:

27. (New) Apparatus according to claim 1, characterized  
in that the valve means has a port having a width which is not  
constant in the axial direction of the valve arrangement,  
whereby the effective width of the fluid path to the piston  
means can be set by setting the axial position of the valve  
arrangement.

28. (New) Apparatus according to claim 1, characterized  
in that the valve arrangement provides drive alternatively to  
opposite faces of a piston of the piston means, whereby to  
create reciprocation.

29. (New) Apparatus according to claim 1, characterized  
in that the valve arrangement is formed to complete a  
plurality of cycles of the piston means for each full turn of  
the valve arrangement.

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